

CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Cancelled)

2. (Previously Presented) A manufacturing method of a liquid crystal display having a liquid crystal panel with a liquid crystal sealed in liquid crystal sealing-in areas disposed between a pair of substrates comprising the steps of:

a liquid crystal injection step of injecting a liquid crystal from a liquid crystal injection port into said liquid crystal sealing-in areas, said liquid crystal injection port is opened in an end face of said liquid crystal panel;

an injection port sealing material applying step of applying an uncured injection port sealing material to said liquid crystal injection port after injecting the liquid crystal;

an injection port sealing material removing step of removing at least a part of said injection port sealing material bleeding outside a contour of said liquid crystal panel, wherein said injection port sealing material removing step includes a step of absorbing said injection port sealing material by pressing an absorbent material against said injection port sealing material and absorbing said injection port sealing material with said absorbent material; and

an injection port sealing material curing step of curing said injection port sealing material after said injection port sealing material removing step.

3. (Previously Presented) A manufacturing method of a liquid crystal display having a liquid crystal panel with a liquid crystal sealed in liquid crystal sealing-in areas disposed between a pair of substrates comprising the steps of:

a liquid crystal injection step of injecting a liquid crystal from a liquid crystal injection port into said liquid crystal sealing-in areas, said liquid crystal injection port is opened in an end face of said liquid crystal panel;

an injection port sealing material applying step of applying an uncured injection port sealing material to said liquid crystal injection port after injecting the liquid crystal;

an injection port sealing material removing step of removing at least a part of said injection port sealing material bleeding outside a contour of said liquid crystal panel, wherein said injection port sealing material removing step includes a step of absorbing said injection port sealing material by bringing a suction jig into contact with said injection port sealing material, and absorbing said injection port sealing material into said suction jig; and

an injection port sealing material curing step of curing said injection port sealing material after said injection port sealing material removing step.

4. (Previously Presented) A manufacturing method of a liquid crystal display according to Claim 3, wherein said injection port sealing material removing step further includes a step of troweling off said injection port sealing material along an end face of said liquid crystal panel where said liquid crystal injection port is arranged by a troweling jig after absorbing said injection port sealing material by said suction jig.

5. (Previously Presented) A manufacturing method of a liquid crystal display according to Claim 2, further comprising:

a step of increasing a pressure inside said liquid crystal sealing-in areas of said liquid crystal panel before said liquid crystal injecting step; and

a step of evacuating said liquid crystal sealing-in areas after said injection port sealing material applying step and before said injection port sealing material removing step.

6. (Cancelled)

7. (Cancelled)

8. (Previously Presented) The manufacturing method of a liquid crystal display according to claim 2, further comprising:

a troweling step of troweling off the injection port sealing material along an end face of said liquid crystal panel where said liquid crystal injection port is arranged by a troweling jig after said injection port sealing material absorbing step.

9. (Previously Presented) A manufacturing method of a liquid crystal display according to Claim 8, further comprising:

a step of increasing a pressure inside said liquid crystal sealing-in areas of said liquid crystal panel before said liquid crystal injecting step; and

a step of evacuating said liquid crystal sealing-in areas after said injection port sealing material applying step and before said injection port sealing material troweling step.

10. (Previously Presented) A manufacturing method of a liquid crystal display having a liquid crystal panel with a liquid crystal sealed in liquid crystal sealing-in areas disposed between a pair of substrates,

wherein said liquid crystal panel is manufactured by injecting the liquid crystal from a liquid crystal injection port into said liquid crystal sealing-in areas, said liquid crystal injection port is opened in an end face of said liquid crystal panel;

applying an uncured injection port sealing material to said liquid crystal injection port after injecting the liquid crystal;

sucking at least a part of said injection port sealing material bleeding outside a contour of said liquid crystal panel, wherein the sucking of at least a part of said injection port sealing material bleeding outside a contour of said liquid crystal panel is done by bringing a suction jig into contact with said injection port sealing material and sucking said injection port sealing material into said suction jig; and

curing said injection port sealing material.

11. (Cancelled)

12. (Previously Presented) The manufacturing method of a liquid crystal display according to claim 10, further comprising:

a troweling step of troweling off said injection port sealing material along an end face of said liquid crystal panel where said liquid crystal injection port is arranged by a troweling jig after said injection port sealing material absorbing step.

13. (Cancelled)

14. (Cancelled).

15. (Previously Presented) A manufacturing method of a liquid crystal display having a liquid crystal panel with a liquid crystal sealed in liquid crystal sealing in areas disposed between a pair of substrates;

wherein said liquid crystal panel is manufactured by injecting the liquid crystal from a liquid crystal injection port into said liquid crystal sealing in areas, said liquid crystal injection port is opened in an end face of said liquid crystal panel;

applying an uncured injection port sealing material to said liquid crystal injection port after injecting the liquid crystal, absorbing at least a part of said injection port sealing material bleeding outside a contour of said liquid crystal panel by pressing an absorbent material against said injection port sealing material;

absorbing said injection port sealing material by said absorbent material; and

curing said injection port sealing material.

16. (Cancelled).

17. (Cancelled)

18. (Cancelled)

19. (Previously Presented) The manufacturing method of a liquid crystal display according to claim 3, further comprising:

a troweling step of troweling off the injection port sealing material along an end face of said liquid crystal panel where said liquid crystal injection port is arranged by a troweling jig after said injection port sealing material absorbing step.